



TCC INDUSTRIES INC.
The Connector Company

The background of the entire page is a photograph of a radio tower against a dark blue sky with several bright white lightning bolts striking down. The tower is a tall, grey metal structure with various antennas and equipment attached. Two large, white, circular parabolic antennas are prominent in the upper half of the image. A semi-transparent grey horizontal band is overlaid across the middle of the image, containing the main title text.

RF CONNECTOR ADAPTER KITS



Universal Adapter Kits

A great **time saver** for those instances where you are required to make connections with multiple connector types. These adapters are **made from high quality materials** to ensure best **performance and low insertion loss**. The universal version comes with standard connector types such as UHF, Mini-UHF, N, BNC, TNC, and SMA, and is very useful for many different applications. Our **wi-fi** version comes with connectors more specifically targeted for all your wi-fi connection needs. Included in this version are N, TNC, SMA, BNC, MMCX, and Reverse Polarity connectors for easier wireless LAN interconnects. Both kits come packaged in a soft, compact zippered case which provides excellent protection, easy organization, and enhanced mobility.

25-AK-30-TGN

Universal Adapter Kit includes:

- 6 Universal Centers
- 2 UHF Males
- 2 UHF Females
- 2 Mini-UHF Males
- 2 Mini-UHF Females
- 2 N Males
- 2 N Females
- 2 BNC Males
- 2 BNC Females
- 2 TNC Males
- 2 TNC Females
- 2 SMA Males
- 2 SMA Females



25-AK-30--WIFI-TGN

Wi-Fi Adapter Kit Includes:

- 6 Universal Centers
- 2 N Males
- 2 N Females
- 2 TNC Males
- 2 TNC Females
- 2 SMA Males
- 2 SMA Females
- 1 BNC Male
- 1 BNC Female
- 1 MMCX Male
- 1 MMCX Female
- 2 Reverse Polarity SMA Males
- 2 Reverse Polarity SMA Females
- 2 Reverse Polarity TNC Males
- 2 Reverse Polarity TNC Females

25-AK-40-TGN



We listened to your request for a more flexible adapter kit, so we brought you this 40 piece version. These adapters are **made from same high quality materials** to ensure **best performance** and low insertion loss. Combine with our universal Quick Connector and you have a fast and convenient system for hooking your connectors up to a wattmeter.

The 40 piece version comes with standard connector types such as UHF, Mini-UHF, N, BNC, TNC, and SMA, we added 2 more Universal Centers, RCA and F connectors.

- Includes:
- | | |
|---------------------|---------------|
| 8 Universal Centers | 2 TNC Males |
| 2 UHF Males | 2 TNC Females |
| 2 UHF Females | 2 SMA Males |
| 2 Mini-UHF Males | 2 SMA Females |
| 2 Mini-UHF Females | 2 RCA Males |
| 2 N Males | 2 RCA Females |
| 2 N Females | 2 F Males |
| 2 BNC Males | 2 F Females |
| 2 BNC Females | |

High Frequency Kits

These adapters are **made from high quality materials** to ensure best **performance and low insertion loss** same standards as applied to the Universal Adapter Kits, **but, designed to work at high frequency ranges.** Listed below the High Frequency Adapter Kits are connectors it comes with. Our **wi-fi** version comes with connectors more specifically targeted for all your wi-fi connection needs, such as reverse Polarity connectors for easier wireless LAN interconnects. The 25-HFAK-30-TGN and the 25-HFAK-30-WIFI-TGN comes packaged in a textured wooden case. The 25-HFAK-40-TGN comes packaged in a soft zippered leather case (textured wooden case optional). Both cases provides excellent protection, easy organization, and enhanced mobility.



25-HFAK-30-TGN

Standard High Frequency Adapter Kit includes:
6 universal centers

1 BNC Male	1 SMA Male	1 BNC Female	1 SMA Female
1 TNC Male	1 SSMA Male	1 TNC Female	1 SSMA Female
1 MCX Male	1 SMB Male	1 MCX Female	1 SMB Female
1 MMCX Male	1 SSMB Male	1 MMCX Female	1 SSMB Female
1 Mini-UHF Male	1 SMC Male	1 Mini-UHF Female	1 SMC Female
1 N Male	1 SMP Male	1 N Female	1 SMP Female



25-HFAK-30-WIFI-TGN

Wi-Fi High Frequency Adapter Kit includes:

6 universal centers			
1 BNC Male	1 N Male	1 BNC Female	1 N Female
1 BNC-RP Male	1 N-RP Male	1 BNC-RP Female	1 N-RP Female
1 TNC Male	1 SMA Male	1 TNC Female	1 SMA Female
1 TNC-RP Male	1 SMA-RP Male	1 TNC-RP Female	1 SMA-RP Female
1 MCX Male	1 FME Male	1 MCX Female	1 FME Female
1 MMCX Male	1 UHF Male	1 MMCX Female	1 UHF Female



25-HFAK-40-TGN

40 piece High Frequency Adapter Kit includes:
8 universal centers

1 BNC Male	1 N Male	1 BNC Female	1 N Female
1 BNC-RP Male	1 SMA Male	1 BNC-RP Female	1 SMA Female
1 TNC Male	1 SMA-RP Male	1 TNC Female	1 SMA-RP Female
1 TNC-RP Male	1 SMB Male	1 TNC-RP Female	1 SMB Female
1 MCX Male	1 SSMB Male	1 MCX Female	1 SSMB Female
1 MMCX Male	1 SMC Male	1 MMCX Female	1 SMC Female
1 UHF Male	1 FME Male	1 UHF Female	1 FME Female
1 Mini-UHF Male	1 FAKRA Male	1 Mini-UHF Female	1 FAKRA Female



LOW PIM Adapter Kits

4.1 / 9.5 ADAPTERS (Low PIM \leq - 160 dBc)

The 4.1/9.5 RF connectors is our new product, its small size and low weight just to meet the increasing performance needs of mobile radio communication applications. Features of the 4.1/9.5 connectors are compact design, easy installation, and guarantee excellent return loss and low PIM levels.

APPLICATIONS

- Telecommunications
- DAS Networks
- Small Cell Systems
- Mobile Applications

PACKING: We supply two types of adapters with a black zippered leather case or a textured wooden case for your choosing.



25-AK4195-11-TGA

7 piece kit contains one each:

- 4.1/9.5 Male to N Female Right Angle
- 4.1/9.5 Male to N Female
- 4.1/9.5 Male to 4.1/9.5 Female
- 4.1/9.5 Male to 4.1/9.5 Male
- 4.1/9.5 Female to 4.1/9.5 Female
- 4.1/9.5 Female to N Female
- 4.1/9.5 Female to N Male



25-AK4195-716-TGA

7 piece kit contains one each:

- 4.1/9.5 Male to DIN Male
- 4.1/9.5 Male to DIN Female
- 4.1/9.5 Female to DIN Male
- 4.1/9.5 Female to DIN Female
- 4.1/9.5 Male to 4.1/9.5 Female Right Angle
- 4.1/9.5 Male to 4.1/9.5 Female
- 4.1/9.5 Female to 4.1/9.5 Female

LOW PIM Adapter Kits

4.3 / 10 ADAPTERS (Low PIM \leq - 160 dBc)

The 4.3/10 RF connectors is our new product, this is a different size standard as compared to the 4.1/9.5 shown on the previous page. Features of the 4.3/10 connectors are similar to the 4.1/9.5, also compact design, easy installation, and guarantee excellent return loss and low PIM levels.

APPLICATIONS

- Telecommunications
- DAS Networks
- Small Cell Systems
- Mobile Applications

PACKING: We supply two types of adapters with a black zippered leather case or a textured wooden case for your choosing.

25-AK4310-716-TGA



6 piece kit contains one each:

- 4.3/10 Male to DIN Female
- 4.3/10 Male to DIN Male
- 4.3/10 Female to DIN Male
- 4.3/10 Female to DIN Female
- 4.3/10 Female to 4.3/10 Male
- 4.3/10 Female to 4.3/10 Female

25-AK4310-11-TGA



6 piece kit contains one each:

- 4.3/10 Male to N Female
- 4.3/10 Male to N Male
- 4.3/10 Female to N Male
- 4.3/10 Female to N Female
- 4.3/10 Male to 4.3/10 Male
- 4.3/10 Female to 4.3/10 Female

LOW PIM Adapter Kits

The 7/16 DIN connector interface offers technical advantages over the N or SMA connector interfaces for cellular communications. Capable of carrying high power at high frequencies, 7/16 DINs are larger and more precise, offering more stable electrical and mechanical connections with tighter tolerances and improved VSWR performance.

Tri-metal, is tarnish free with excellent electrical performance and low PIM. The hardness of Tri-Metal will stand up to multiple mating cycles. If your application requires frequent coupling and de-coupling and/or if tarnish resistance is an issue, white bronze would be the better plating choice.

All Tri-Metal 7/16 DIN adapters are machined to exacting specifications, made of brass and feature Teflon insulation and gold-plated contacts.

25-AK-716-TGA



6 piece kit contains one each:

- 7/16 DIN Female to N Male
- 7/16 DIN Male to N Female
- 7/16 DIN Male to N Male
- 7/16 DIN Female to N Female
- 7/16 DIN Female to 7/16 DIN

TCC INDUSTRIES, INC.
7050 VILLAGE DRIVE
UNIT E
BUENA PARK, CA 90621
714.523.8885
sales@tccinc.com
www.tccinc.com